

**ADDENDUM #3
TO SPEC. 05-058**

**Pine Lake Road Widening 40th to 60th Street from
Thompson Creek to Shadow Pines
CIP 700014**

Addendum #3 to Spec. 05-058 for above project to be opened on **Wednesday, March 16, 2005 at 12:00 noon.**

All prospective bidders are to go to the website and download all addendums and acknowledge receipt in the bid submittal document.

Website: <http://www.lincoln.ne.gov/city/finance/purch/spec/index.htm>

Dated this 14th day of March, 2005.

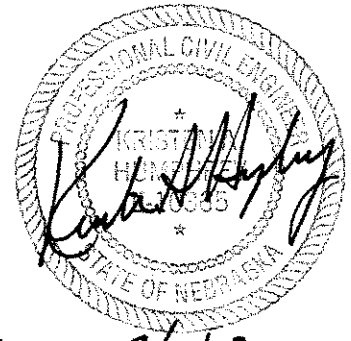
Purchasing Department

Mary L. Long
Assistant Purchasing Agent

**ADDENDUM #3
TO SPEC. 05-058**

March 14, 2005

**Pine Lake Road Widening 40th to 61st Street
& S. 56th Street from
Thompson Creek Blvd. To Shadow Pines Drive.**



Addendum #3 to Spec. 05-058 for above project to be opened on Wednesday, March 16, 2005 at 12:00 noon. **Any and all additional questions need to be in writing to Mary Long in the Purchasing Department by noon, Monday, March 14, 2005. No questions will be answered after this time.** Mary's fax number is 441-6513 or her e-mail is mlong@lincoln.ne.gov.

The following questions have been asked:

1. *Is the City going to enforce property owner agreements to remove fencing, so that the Contractor may expect not to incur costs relating to the removal of this property?*

The City has told homeowners that it is their responsibility to remove the fence and landscape materials in accordance with their right-of-way/easement agreements. The homeowners have been told that they will receive a door hanger two to three weeks prior to the fence or landscape items needing to be moved. If the fence/landscape is not moved by the time the Contractor needs the land, then the Contractor will be directed by the Engineer to take ownership of the fence/landscape and remove it from the project site. If the Contractor needs to remove the fence/landscape items, then a payment price will be negotiated during construction.

2. *Does the reinforcing steel for the retaining walls need to be epoxy coated?*

Yes. All reinforcing steel for retaining walls shall be epoxy coated and paid for using bid item 08.0015, "Reinforcing Steel for Retaining Walls (In Place)"

3. *Can Lincoln Electric System work more than a regular 5 day work week? (From pre-bid meeting)*

Lincoln Electric System will do what they can to help the situation, but Lincoln Electric System is not a party to the contract between the City and the Contractor.

4. *Does Lincoln Electric System have a plan (construction schedule)? (From pre-bid meeting)*

Lincoln Electric System will furnish a construction schedule when their work order is written and approved (early April). They will coordinate their work with the Contractor while maintaining service to existing customers.

5. *Will the 4" PVC Slotted Drain Pipe and Compacted 47B sand gravel, as detailed on page 103, be required behind the wall where LES poles are located, according to sheet 186?*
The subdrains can be modified during construction to tie into the nearest storm drainage structure.
6. *What is the correct stationing on sheet 57 of wall #13?*
The station range should be 138+00 to 142+00.
7. *At some locations it will be tight to safely construct the retaining walls. Will the sheet piling be subsidiary to the bid items for retaining wall construction?*
Sheet piling will be necessary to construct the retaining walls at some locations. Sheet piling is included in the Bidding Schedule on page 4. The quantity has been increased as part of this Addendum.
8. *How are the retaining walls to be formed in the areas detailed on sheet 186? Can this area use tight sheet piling as the backside form?*
Forming the retaining wall at this location is at the discretion of the Contractor. No additional payment will be made for tight sheet piling.
9. *Where will the topsoil on the summary sheet be placed?*
6" of topsoil shall be placed at disturbed soil locations behind the back of curb and 12" of topsoil shall be placed in the medians as shown on the typical sections. The topsoil on site shall be stockpiled for later placement, but topsoil will need to be brought in from off site to balance the quantity.

A revised Bidding Schedule is included as part of Addendum #3. Please replace the Bidding Schedule from Addendum #2 with the revised Bidding Schedule. A summary of the Bidding Schedule modifications are listed in this addendum for your information.

BIDDING SCHEDULE MODIFICATIONS:

Page 3: Delete Item No. 03.0060 "9" Portland Cement Conc. Pav't w/Integral Curb."

Page 3: Add Item No. 50.0040 "9" Doweled Portland Cement Conc. Pav't w/Integral Curb", Quantity = 91,245 S.Y.

Page 3: Item No. 07.0020 Change the quantity for the pay item "Concrete Sidewalk 4" Thick" from 104,515 S.F. to 105,187 S.F.

Page 4: Item No. 50.0005 Change the quantity for the pay item "Sheet Piling (8' Sheets) For Construction Protection" from 100 L.F. to 1000 L.F.

Page 7: Add Item No. 21.0040 "54" R.C.P. Storm Sewer, Class III", Quantity = 304 L.F.

Page 7: Item No. 21.0050 Change the quantity for the pay item "48" R.C.P. Storm Sewer, Class III" from 958 L.F. to 654 L.F.

Page 7: Item No. 21.0070 Change the quantity for the pay item "36" R.C.P. Storm Sewer, Class III" from 1490 L.F. to 1960 L.F.

Page 7: Item No. 21.0080 Change the quantity for the pay item "30" R.C.P. Storm Sewer, Class III" from 1734 L.F. to 1399 L.F.

Page 7: Item No. 21.0090 Change the quantity for the pay item "24" R.C.P. Storm Sewer, Class III" from 521 L.F. to 728 L.F.

Page 8: Item No. 21.0095 Change the quantity for the pay item "21" R.C.P. Storm Sewer, Class III" from 1514 L.F. to 1448 L.F.

Page 8: Item No. 21.0100 Change the quantity for the pay item "18" R.C.P. Storm Sewer, Class III" from 2819 L.F. to 2749 L.F.

Page 8: Item No. 21.0110 Change the quantity for the pay item "15" R.C.P. Storm Sewer, Class III" from 2506 L.F. to 2408 L.F.

Page 8: Item No. 21.0560 Change the quantity for the pay item "36" R.C. Flared End Section" from 1 Ea. to 2 Ea.

Page 8: Delete Item No. 21.0590 "24" R.C. Flared End Section"

Page 8: Delete Item No. 21.0620 "15" R.C. Flared End Section"

Page 8: Item No. 21.0870 Change the quantity for the pay item "Storm Sewer Manhole, 54"-60" (Complete)" from 1 Ea. to 3 Ea.

Page 9: Item No. 21.0880 Change the quantity for the pay item "Storm Sewer Manhole, 48" (Complete)" from 6 Ea. to 4 Ea.

Page 9: Item No. 21.0890 Change the quantity for the pay item "Storm Sewer Manhole, 36" (Complete)" from 5 Ea. to 7 Ea.

Page 9: Item No. 21.0895 Change the quantity for the pay item "Storm Sewer Manhole, 15"-30" (Complete)" from 26 Ea. to 24 Ea.

Page 9: Item No. 21.2090 Change the quantity for the pay item "Geotextile Filter Fabric (In Place)" from 194 S.Y. to 188 S.Y.

Page 9: Item No. 21.2111 Change the quantity for the pay item "Rip-Rap (In Place)" from 140 Tons to 124 Tons.

Page 10: Item No. 23.0080 Change the quantity for the pay item " 6" D.I. Pipe Water Main, CI 52 (Polywrapped)" from 288 L.F. to 338 L.F.

Page 10: Item No. 23.1100 Change the quantity for the pay item "Remove Hydrant (Complete)" from 9 Ea. to 10 Ea.

Page 10: Delete Item No. 23.0450 " 8" Gate Valve, M.J."

Page 10: Item No. 23.0460 Change the quantity for the pay item "6" Gate Valve, M.J." from 10 Ea. to 11 Ea.

Page 10: Item No. 23.0492 Change the quantity for the pay item "Hydrant, Complete L=6.5' " from 1 Ea. to 2 Ea.

Page 11: Add Item No. 23.0570 " 24" x 6" Tee, M.J.", Quantity = 1 Ea.

Page 11: Item No. 23.0594 Change the quantity for the pay item " 6" Anchoring Coupling, M.J. (L=18")" from 3 Ea. to 5 Ea.

PLAN SHEET MODIFICATIONS:

Plan Sheets 2 and 3: Modifications to item descriptions, units, or quantities as noted above in the revised Bidding Schedule will also be modified on the Schedule of Approximate Quantities plan sheets in the bid plan set. In addition to the Bidding Schedule modifications, the following corrections have been made:

Plan Sheet 55: Change the Quantity for Pipe D3 From 215 L.F. to 250 L.F.

Plan Sheet 56: Change the Size For Pipe E3 From 27" to 30".

Plan Sheet 57: Change the station range for wall #13 to "138+00 to 142+00."

Plan Sheet 68: Add the Build Note for "Build Concrete Median Surfacing 4" Thick", Build Number: 2, Quantity: 2,510 S.F.

Plan Sheet 72: Change the Size For F.E.S. V2 From 24" to 21".

Plan Sheet 98: Delete Note and Symbol For "Raised 24" Water Main"

SPECIAL PROVISION MODIFICATIONS:

Add the following section to the Special Provisions:

DOWELED PORTLAND CEMENT CONCRETE WITH INTEGRAL CURB

The Contractor shall construct doweled P.C.C.P. of the thickness specified on the plans or at locations directed by the Engineer. Dowels will be required at all transverse joints, regardless of the joint spacing, in the through traffic lanes of Pine Lake Road and 56th Street. All doweled pavement shall be constructed in accordance with the pertinent requirements stipulated in Sections 603, 1021, and 1022 of the State of Nebraska Department of Roads stipulated in Specifications for Highway Construction including the July 21, 2001 Supplemental Specifications. Concrete for the 9" Doweled P.C.C.P. shall be in accordance with the City of Lincoln's Standard Specifications for Municipal Construction, and the 2004 Supplemental Specifications to the Standard Specifications for Municipal Construction.

Doweled P.C.C.P. with Integral Curb shall be measured and paid for by the square yard of pavement constructed and accepted by the Engineer.

Project Items

Item Number	Quantity	Unit	Unit Price	Extension
Section: 1 Removals				
01.0100	12,062.000	C.Y.	\$	\$
Pavement & Sidewalk Removal				
01.0210	500.000	L.F.	\$	\$
Type "A" Sawing				
01.0220	3,541.000	L.F.	\$	\$
Type "B" Sawing				
01.0230	133.000	L.F.	\$	\$
Type "C" Sawing				
02.0010	1.000	L.S.	\$	\$
General Clearing & Grubbing				
02.0020	25.000	Ea.	\$	\$
Tree Removal (12" to 23")				
Section 1 Total:				\$
Section: 2 Pavement and Miscellaneous Items				
01.0040	5,988.000	S.Y.	\$	\$
Asph. Conc. Pav't, Class 2 (6" Base)				
50.0035	500.000	Ton	\$	\$
Temporary Asphalt				
01.0140	737.000	Ton	\$	\$
Asph. Conc. Surface Course, For Arterial Street				
01.0170	12.000	Ea.	\$	\$
Adjust Manhole to Grade, Complete				
01.0180	18.000	Ea.	\$	\$
Adjust Water Valve Box To Grade, Complete				
01.0190	13.000	Ea.	\$	\$
Standard Monument Box (In Place)				

Item Number	Quantity	Unit	Unit Price	Extension
02.0110	93,356.000	C.Y.	\$	\$
Earth Borrow Measured in Embankment (E.Q.)				
06.0050	24.000	Ea.	\$	\$
Concrete Median Nose, (In Place)				
06.0060	41,297.000	S.F.	\$	\$
Concrete Median Surfacing, 4" Thick				
07.0020	105,187.000	S.F.	\$	\$
Concrete Sidewalk, 4" Thick				
07.0040	5,219.000	S.F.	\$	\$
Concrete Driveway, 5" Thick				
08.0015	129,185.000	Lb.	\$	\$
Reinforcing Steel for Retaining Walls (In Place)				
08.0020	1,436.000	C.Y.	\$	\$
Concrete for Retaining Walls (In Place)				
08.0025	3,044.000	S.F.	\$	\$
Modular Block Retaining Wall				
09.0070	1,588.000	L.F.	\$	\$
48" Pipe Railing Fence (In Place)				
10.0010	300.000	Ton	\$	\$
Crushed Rock Surfacing (In Place)				
30.0010	240,150.000	S.F.	\$	\$
Sodding, Complete				
30.0090	12.900	Ac.	\$	\$
Seeding, Type "D"				
32.0010	115.000	Bale	\$	\$
Straw Bale Dike Installation				
32.0020	115.000	Bale	\$	\$
Straw Bale Dike Maintenance				

Item Number	Quantity	Unit	Unit Price	Extension
32.0030	115.000	Bale	\$	\$
Straw Bale Dike Removal				
32.0040	7,405.000	L.F.	\$	\$
Synthetic Fabric Silt Fence Installation				
32.0050	7,405.000	L.F.	\$	\$
Synthetic Fabric Silt Fence Maintenance				
32.0060	7,405.000	L.F.	\$	\$
Synthetic Fabric Silt Fence Removal				
32.0070	96.000	Ea.	\$	\$
Install Storm Drain Inlet Protection				
32.0080	96.000	Ea.	\$	\$
Storm Drain Inlet Protection Maintenance				
32.0090	96.000	Ea.	\$	\$
Remove Storm Drain Inlet Protection				
50.0040	8,975.000	S.Y.	\$	\$
Install Type I Erosion Control Mat				
50.0040	8,975.000	S.Y.	\$	\$
Type I Erosion Control Mat Maintenance				
50.0005	1,000.000	L.F.	\$	\$
Sheet Piling (8' Sheets) For Construction Protection				
50.0045	69,128.000	S.F.	\$	\$
Buffalo Grass Plugs				
50.0020	8.000	Ac.	\$	\$
Cover Crop				
50.0015	1.000	L.S.	\$	\$
Construction Staking				
50.0015	1.000	L.S.	\$	\$
Traffic Control				

Item Number	Quantity	Unit	Unit Price	Extension
50.0015	1.000	L.S.	\$	\$
Mobilization				
50.0001	24.000	Ea.	\$	\$
Ground Sleeve				
50.0045	900.000	S.F.	\$	\$
Detectable Warning Panel				
50.0010	427.000	C.Y.	\$	\$
Compost				
50.0040	91,245.000	SY	\$	\$
Misc 9" Doweled Portland Cement Conc. Pav't w/Integral Curb				
			Section 2 Total:	\$
Section: 3 Markings				
13.0270	10,378.000	L.F.	\$	\$
Paint Marking, 4" Yellow				
13.0275	10,751.000	L.F.	\$	\$
Paint Marking, 4" White				
13.0280	10,673.000	L.F.	\$	\$
Paint Marking, 8" White				
13.0305	3,758.000	L.F.	\$	\$
Paint Marking, 12" White				
13.0300	424.000	L.F.	\$	\$
Paint Marking, 12" Yellow				
13.0530	70.000	L.F.	\$	\$
Remove Paint Marking, 4"				
13.0532	190.000	L.F.	\$	\$
Remove Paint Marking, 8"				
13.0533	400.000	L.F.	\$	\$
Remove Paint Marking, 12"				

Item Number	Quantity	Unit	Unit Price	Extension
50.0001	60.000	Ea.	\$	\$
Raised Pavement Markers				
Section 3 Total:				\$
Section: 4 Storm Drainage Items				
50.0005	55.000	L.F.	\$	\$
30" C.M.P. Storm Sewer, 16 Gauge				
50.0001	1.000	Ea.	\$	\$
30" x 45 Degree C.M. Bend, 16 Gauge				
50.0001	1.000	Ea.	\$	\$
30" C.M. F.E.S., 16 Gauge				
50.0005	150.000	L.F.	\$	\$
Remove 38" x 60" Elliptical Pipe				
50.0001	2.000	Ea.	\$	\$
Remove R.C. Box, Wingwalls & Headwalls (Complete)				
50.0001	1.000	Ea.	\$	\$
Remove 38" x 60" Elliptical Flared End Section				
21.1260	186.000	L.F.	\$	\$
Remove 42" Storm Sewer Pipe				
21.1270	170.000	L.F.	\$	\$
Remove 36" Storm Sewer Pipe				
21.1280	174.000	L.F.	\$	\$
Remove 30" Storm Sewer Pipe				
21.1290	1,098.000	L.F.	\$	\$
Remove 24" Storm Sewer Pipe				
21.1310	475.000	L.F.	\$	\$
Remove 18" Storm Sewer Pipe				
21.1320	117.000	L.F.	\$	\$
Remove 15" Storm Sewer Pipe				

Item Number	Quantity	Unit	Unit Price	Extension
21.1610	2.000	Ea.	\$	\$
Remove 48" R.C. Flared End Section				
21.1620	2.000	Ea.	\$	\$
Remove 42" R.C. Flared End Section				
21.1640	1.000	Ea.	\$	\$
Remove 30" R.C. Flared End Section				
21.1650	12.000	Ea.	\$	\$
Remove 24" R.C. Flared End Section				
21.1670	5.000	Ea.	\$	\$
Remove 18" R.C. Flared End Section				
21.1680	1.000	Ea.	\$	\$
Remove 15" R.C. Flared End Section				
21.1700	1.000	Ea.	\$	\$
Remove Storm Sewer Manhole (Complete)				
21.1710	11.000	Ea.	\$	\$
Remove Existing Inlet (Complete)				
21.1750	3.000	Ea.	\$	\$
Remove Existing Headwall (Complete)				
21.0030	220.000	L.F.	\$	\$
60" R.C.P. Storm Sewer, Class III				
21.0040	304.000	L.F.	\$	\$
54" R.C.P. Storm Sewer, Class III				
21.0050	654.000	L.F.	\$	\$
48" R.C.P. Storm Sewer, Class III				
21.0070	1,960.000	L.F.	\$	\$
36" R.C.P. Storm Sewer, Class III				
21.0080	1,399.000	L.F.	\$	\$
30" R.C.P. Storm Sewer, Class III				

Item Number	Quantity	Unit	Unit Price	Extension
21.0090	728.000	L.F.	\$	\$
24" R.C.P. Storm Sewer, Class III				
21.0095	1,448.000	L.F.	\$	\$
21" R.C.P. Storm Sewer, Class III				
21.0100	2,749.000	L.F.	\$	\$
18" R.C.P. Storm Sewer, Class III				
21.0110	2,408.000	L.F.	\$	\$
15" R.C.P. Storm Sewer, Class III				
21.0560	2.000	Ea.	\$	\$
36" R.C. Flared End Section				
21.0570	1.000	Ea.	\$	\$
30" R.C. Flared End Section				
21.0600	1.000	Ea.	\$	\$
21" R.C. Flared End Section				
21.0610	1.000	Ea.	\$	\$
18" R.C. Flared End Section				
21.0770	21.000	Ea.	\$	\$
72" Storm Sewer Inlet (Complete)				
21.0780	63.000	Ea.	\$	\$
72" Canted Storm Sewer Inlet (Complete)				
21.0790	4.000	Ea.	\$	\$
72" Radius Storm Sewer Inlet (Complete)				
21.0830	7.000	Ea.	\$	\$
Grate Inlet, Type "F-2" (Complete)				
21.0870	3.000	Ea.	\$	\$
Storm Sewer Manhole, 54"-60" (Complete)				
21.0880	4.000	Ea.	\$	\$
Storm Sewer Manhole, 42"-48" (Complete)				

Item Number	Quantity	Unit	Unit Price	Extension
21.0890	7.000	Ea.	\$	\$
Storm Sewer Manhole, to 36" (Complete)				
21.0895	24.000	Ea.	\$	\$
Storm Sewer Manhole, 15" - 30" (Complete)				
21.0940	7.000	C.Y.	\$	\$
Concrete for Collars, Elbows & Headwalls (In Place)				
21.0950	567.000	Lb.	\$	\$
Reinf. Steel for Collars, Elbows & Hdws (In Place)				
21.1850	160.000	L.F.	\$	\$
4' R.C. Low Flow Liner				
21.2090	188.000	S.Y.	\$	\$
Geotextile Filter Fabric (In Place)				
21.2111	124.000	Ton	\$	\$
Rip-Rap (In Place)				
21.0930	31,800.000	Lb.	\$	\$
Reinf. Steel for Structures (In Place)				
21.0920	306.000	C.Y.	\$	\$
Concrete for Structures (In Place)				
Section 4 Total:				\$
Section: 5 Water Items				
23.0950	130.000	L.F.	\$	\$
Remove 6" Water Main				
23.0930	220.000	L.F.	\$	\$
Remove 12" Water Main				
23.0900	1,771.000	L.F.	\$	\$
Remove 24" Water Main				
23.1100	10.000	Ea.	\$	\$
Remove Hydrant (Complete)				

Item Number	Quantity	Unit	Unit Price	Extension
23.0080	338.000	L.F.	\$	\$
6" D.I. Pipe Water Main, CI 52 (Polywrapped)				
23.0070	80.000	L.F.	\$	\$
8" D.I. Pipe Water Main, CI 52 (Polywrapped)				
23.0060	650.000	L.F.	\$	\$
12" D.I. Pipe Water Main, CI 52 (Polywrapped)				
23.0030	1,801.000	L.F.	\$	\$
24" D.I. Pipe Water Main, CI 52 (Polywrapped)				
23.0120	1.000	Ea.	\$	\$
24" x 8" Tapping Sleeve & Valve, M.J.				
23.0110	5.000	Ea.	\$	\$
24" x 12" Tapping Sleeve & Valve, M.J.				
23.0460	11.000	Ea.	\$	\$
6" Gate Valve, M.J.				
23.0490	9.000	Ea.	\$	\$
Hydrant, Complete L=5.5'				
23.0492	2.000	Ea.	\$	\$
Hydrant, Complete L=6.5'				
23.0538	1.000	Ea.	\$	\$
6" X 90 Deg. Bend, M.J.				
23.0540	8.000	Ea.	\$	\$
24" X 45 Deg. Bend, M.J.				
23.0544	8.000	Ea.	\$	\$
12" X 45 Deg. Bend, M.J.				
23.0546	9.000	Ea.	\$	\$
6" X 45 Deg. Bend, M.J.				
23.0560	3.000	Ea.	\$	\$
12" X 11.25 Deg. Bend, M.J.				

Item Number	Quantity	Unit	Unit Price	Extension
23.0570	1.000	Ea.	\$	\$
24" X 6" Tee, M.J.				
23.0583	1.000	Ea.	\$	\$
8" X 6" Tee, M.J.				
23.0644	4.000	Ea.	\$	\$
24" Solid Sleeve, M.J. (L=15")				
23.0648	4.000	Ea.	\$	\$
12" Solid Sleeve, M.J. (L=12")				
23.0651	4.000	Ea.	\$	\$
6" Solid Sleeve, M.J. (L=18")				
23.0592	1.000	Ea.	\$	\$
6" Anchoring Elbow, M.J.				
23.0594	5.000	Ea.	\$	\$
6" Anchoring Coupling, M.J. (L=18")				
23.0499	24.000	Ea.	\$	\$
24" Retainer Glands, M.J.				
23.0510	24.000	Ea.	\$	\$
12" Retainer Glands, M.J.				
23.0530	24.000	Ea.	\$	\$
6" Retainer Glands, M.J.				
23.0661	1.000	Ea.	\$	\$
8" Plug, M.J.				
23.0660	5.000	Ea.	\$	\$
12" Plug, M.J.				
23.0665	63.800	C.Y.	\$	\$
Conc. for Thrust Blocks & Anchorages (In Place)				
23.0670	2,425.000	Lb.	\$	\$
Reinf. Stl. for Thrust Blks & Anchorages				

Item Number	Quantity	Unit	Unit Price	Extension
23.0540	4.000	Ea.	\$	\$
24" X 45 Deg. Bend, M.J.				
Section 5 Total:				\$
Section: 6 Traffic Signals and Street Lighting Items				
24.0101	2.000	Ea.	\$	\$
Remove Traffic Signal, Complete				
24.0110	2,054.000	LF	\$	\$
Remove Cable				
24.0120	2.000	Ea.	\$	\$
Remove T.S. Head				
24.0121	2.000	Ea.	\$	\$
Remove P.S. Head				
50.0001	1.000	Ea.	\$	\$
Remove Signal Cabinet				
24.0122	2.000	Ea.	\$	\$
Remove PPB				
24.0225	2.000	Ea.	\$	\$
Relocate Metro Street Name Sign				
50.0005	20.000	L.F.	\$	\$
Relocate 6 Pr. Comm. Cable				
50.0005	63.000	L.F.	\$	\$
Relocate 6 MM				
24.0236	9.000	Ea.	\$	\$
Relocate Traffic Signal Head 1 Way				
24.0247	1.000	Ea.	\$	\$
Relocate Luminaire, 250w. HPSV-PC				
24.0804	14.000	Ea.	\$	\$
Pull Box, Type PB-6				

Item Number	Quantity	Unit	Unit Price	Extension
24.0807	15.000	Ea.	\$	\$
Pull Box Type PB-9				
24.0810	38.000	Ea.	\$	\$
Pull Box, Type FOR27				
24.0894	55.000	LF	\$	\$
Conduit Bored In Place, 1-1/2"				
24.0899	396.000	L.F	\$	\$
Conduit Bored In Place, 4 inch "H"				
24.0900	77.000	L.F	\$	\$
Conduit In Trench, 1/2 Inch				
24.0903	14,425.000	L.F.	\$	\$
Conduit in Trench, 1-1/2 Inch				
24.0904	4,191.000	L.F.	\$	\$
Conduit in Trench, 2 Inch				
24.0905	176.000	L.F.	\$	\$
Conduit in Trench, 3 Inch				
24.0906	12,131.000	L.F.	\$	\$
Conduit in Trench, 4 Inch				
24.0914	246.000	L.F	\$	\$
Coaxial Cable				
24.0991	246.000	L.F	\$	\$
Camera Control Cable				
24.0992	1,588.000	L.F	\$	\$
Emergency Detector Cable				
24.0994	1,846.000	L.F.	\$	\$
Camera Detector Cable				
24.1001	3,332.000	L.F.	\$	\$
Traffic Signal Cable, 2 Conductor				

Item Number	Quantity	Unit	Unit Price	Extension
24.1002	1,163.000	L.F.	\$	\$
Traffic Signal Cable, 3 Conductor				
24.1005	1,332.000	L.F.	\$	\$
Traffic Signal Cable, 7 Conductor				
24.1016	514.000	L.F.	\$	\$
Traffic Signal Cable, 16 Conductor				
24.1020	1,332.000	L.F.	\$	\$
Traffic Signal Cable, 20 Conductor				
24.1040	9,803.000	L.F.	\$	\$
Detector Lead-In Cable, 2/Conductor				
24.1046	5,433.000	L.F.	\$	\$
Fiber Multimode Cable, 12				
24.1050	23,066.000	L.F.	\$	\$
Tracer Wire				
24.1054	836.000	L.F.	\$	\$
Service Cable No. 6 USE				
24.1064	369.000	L.F.	\$	\$
Circuit Ground, No. 6 USE				
24.1065	15,793.000	L.F.	\$	\$
Circuit Ground, No. 8 USE				
24.1072	738.000	L.F.	\$	\$
Street Light Cable, No. 4 USE in Conduit				
24.1073	30,586.000	L.F.	\$	\$
Street Light Cable, No. 6 USE In Conduit				
24.1194	11.000	Ea.	\$	\$
Detector, Vehicle Magnetic				
24.1380	10.000	Ea.	\$	\$
Ground Rod, 10'				

Item Number	Quantity	Unit	Unit Price	Extension
24.1469	54.000	Ea.	\$	\$
Street Light Pole, Type SL-A-C-45-12T-5-0.25				
24.1472	2.000	Ea.	\$	\$
Street Light Pole, Type SL-A-PI-45-12T-5-0.25				
24.1508	11.000	Ea.	\$	\$
Luminaire, 250W HPSV-PC				
24.1507	6.000	Ea.	\$	\$
Luminaire, 150W HPSV-PC				
24.1692	31.000	Ea.	\$	\$
Detector, Vehicle 4 Turns UC				
24.5219	2.000	Ea.	\$	\$
Install Mast Arm Pole Type MA-2				
24.5222	7.000	Ea.	\$	\$
Install Mast Arm Pole, Type MA2 (Arm > 50')				
50.0001	6.000	Ea.	\$	\$
Install Mast Arm Pole, Type MA2, (Arm > 50'), Less Traffic Mast Arm				
50.0001	2.000	Ea.	\$	\$
Install Mast Arm Pole, Type MA2, Less Traffic Mast Arm				
24.5801	6.000	Ea.	\$	\$
Install Traffic Signal, Type TS-1, T31				
24.5803	21.000	Ea.	\$	\$
Install Traffic Signal, Type TS-1, T36				
24.5807	4.000	Ea.	\$	\$
Install Traffic Signal, Type TS-1LL, T51B				
24.5808	6.000	Ea.	\$	\$
Install Traffic Signal, Type TS-1RR, T52				
24.5821	18.000	Ea.	\$	\$
Install Pedestrian Signal, Type PS-1, T13				

Item Number	Quantity	Unit	Unit Price	Extension
24.6011	3.000	Ea.	\$	\$
Install Signal Cabinet, Type C				
24.6020	10.000	Ea.	\$	\$
Locate Stick				
24.6102	18.000	Ea.	\$	\$
Install Pedestrian Push button				
24.6199	12.000	Ea.	\$	\$
Install & Adjust Detector Camera				
24.6204	9.000	Ea.	\$	\$
Install and Adjust Emergency Receiver				
24.6206	2.000	Ea.	\$	\$
Install Traffic Monitoring Camera				
50.0001	1.000	Ea.	\$	\$
Remove MA2, Complete				
50.0001	1.000	Ea.	\$	\$
Remove Traffic Mast Arm				
50.0001	4.000	L.F	\$	\$
Remove Detector Cable				
50.0001	11.000	Ea.	\$	\$
Street Light Pole, Type SL-EM-S-45-12T-5-0.25				
50.0001	1.000	Ea.	\$	\$
Install Traffic Mast (Arm > 50')				
50.0001	2.000	Ea.	\$	\$
Install Fiber Junction Cabinet				
24.6201	8.000	Ea.	\$	\$
Install Metro Street Name Sign				
			Section 6 Total:	\$
			Estimate Total:	\$